

Title (en)
WATER-INJECTED SCREW-TYPE COMPRESSOR

Title (de)
WASSEREINGESPRITZTER SCHRAUBENVERDICHTER

Title (fr)
COMPRESSEUR DE TYPE VIS A INJECTION D'EAU

Publication
EP 1366298 B1 20070124 (EN)

Application
EP 02712660 A 20020306

Priority
• BE 0200029 W 20020306
• BE 200100151 A 20010307

Abstract (en)
[origin: US2004071578A1] The invention relates to a water-injected screw-type compressor element, comprising a housing (1) limiting a rotor chamber (2) in which two cooperating rotors (3, 4) are arranged which, by means of axle ends (5), are beared with both extremities in water-lubricated slide bearings (6) which are provided in the housing (1) and are provided with bearing bushes (7) which are fixedly provided on the axle ends (5) and are directly turnable in a bearing case (8) formed in said housing (1).

IPC 8 full level
F04B 39/00 (2006.01); **F04C 18/16** (2006.01); **F01C 21/02** (2006.01); **F04C 18/08** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP US)
F01C 21/02 (2013.01 - EP US); **F04C 18/086** (2013.01 - EP US); **F04C 29/0007** (2013.01 - EP US); **F04C 2210/14** (2013.01 - EP US); **F04C 2240/50** (2013.01 - EP US); **F04C 2240/56** (2013.01 - EP US); **F16C 17/02** (2013.01 - EP US); **F16C 17/14** (2013.01 - EP US); **F16C 2360/43** (2013.01 - EP US)

Designated contracting state (EPC)
DE FI GB IT NL

DOCDB simple family (publication)
US 2004071578 A1 20040415; US 7040882 B2 20060509; AU 2002244546 B2 20060914; BE 1014043 A3 20030304; CA 2439198 A1 20020912; CA 2439198 C 20080129; CN 1243916 C 20060301; CN 1496448 A 20040512; DE 60217828 D1 20070315; DE 60217828 T2 20070628; EP 1366298 A1 20031203; EP 1366298 B1 20070124; JP 2004531666 A 20041014; JP 4113433 B2 20080709; WO 02070901 A1 20020912; WO 02070901 A8 20040325

DOCDB simple family (application)
US 46733503 A 20031210; AU 2002244546 A 20020306; BE 0200029 W 20020306; BE 200100151 A 20010307; CA 2439198 A 20020306; CN 02806107 A 20020306; DE 60217828 T 20020306; EP 02712660 A 20020306; JP 2002569588 A 20020306